



# Lightning Conductor 2010 Web Part Installation and Configuration Instructions

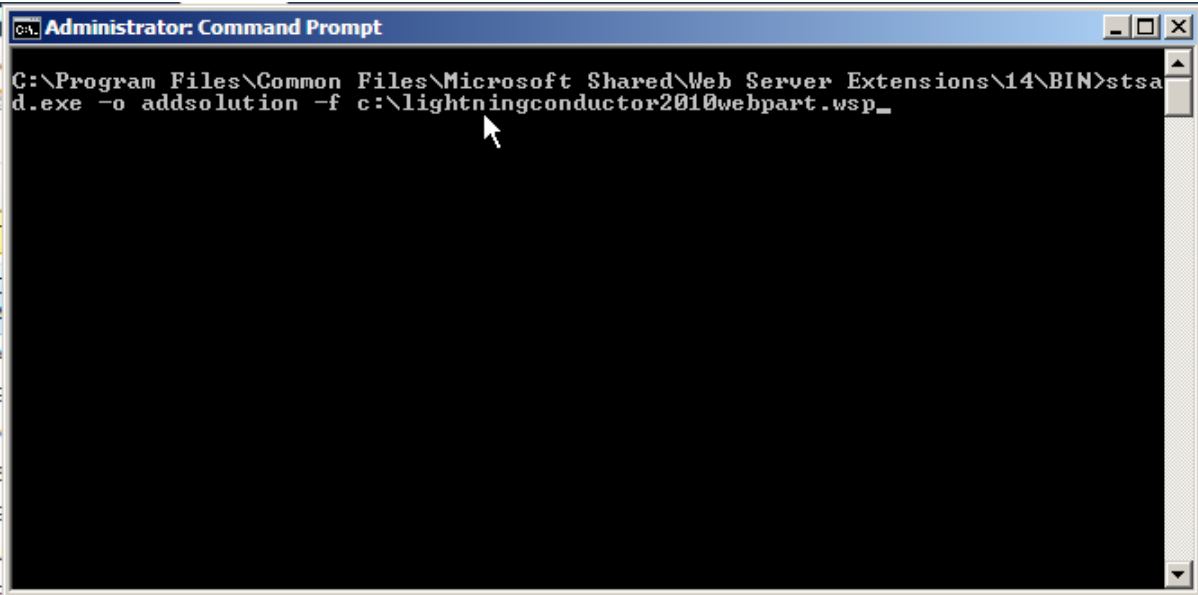
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June 2010

## Installing the Lightning Conductor 2010 Web Part

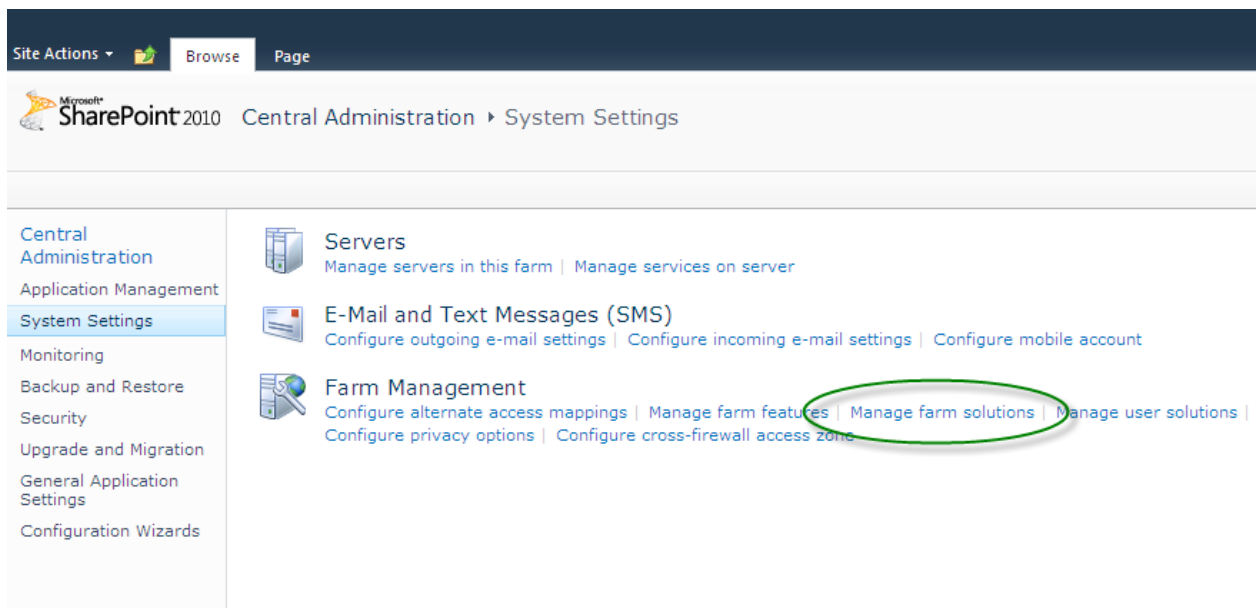
To install the Lightning Conductor Web Part, fully extract the downloaded zip file. Make sure that you are logged onto the SharePoint 2010 Web Front End as a SharePoint Farm Administrator. Then follow the below steps:

1. **Open a command prompt** by choosing Start, **Run** and type **CMD**.
2. Change the path to C:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\14\Bin.
3. Type **STSADM.Exe -o Addsolution -f driveletter:\lightningconductor2010webpart.wsp** (As shown below)

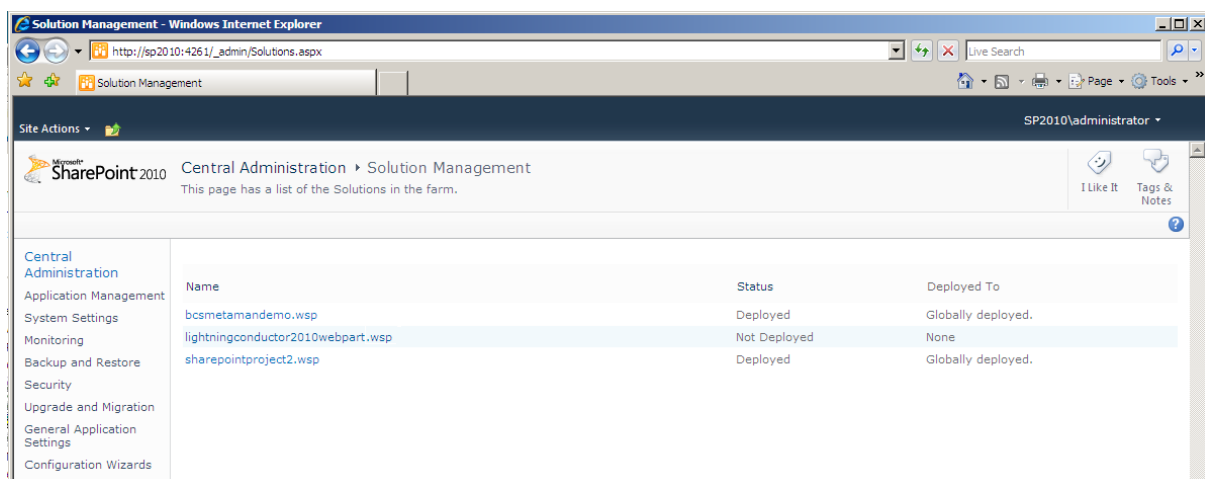


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C:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\14\BIN>stsadm.exe -o addsolution -f c:\lightningconductor2010webpart.wsp_
```

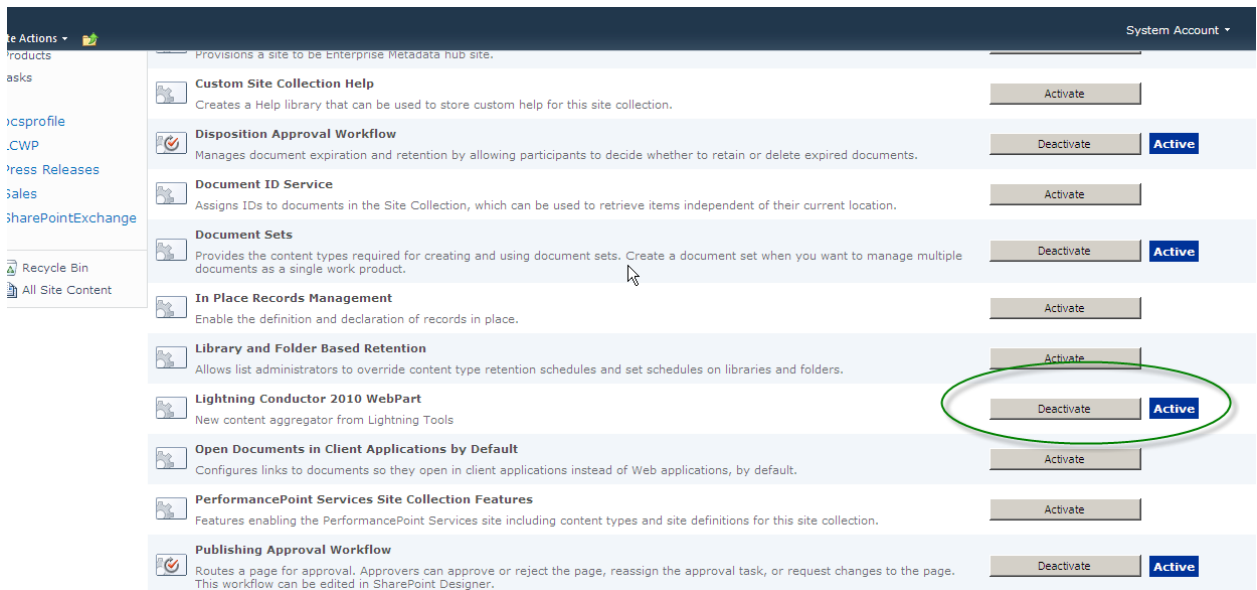
4. Open **SharePoint 2010 Central Administration**.
5. Click **System Settings** from the left hand pane and then choose **Manage Farm Solutions** from the **Farm Management** section.



6. Click the **LightningConductor2010WebPart.wsp** option.



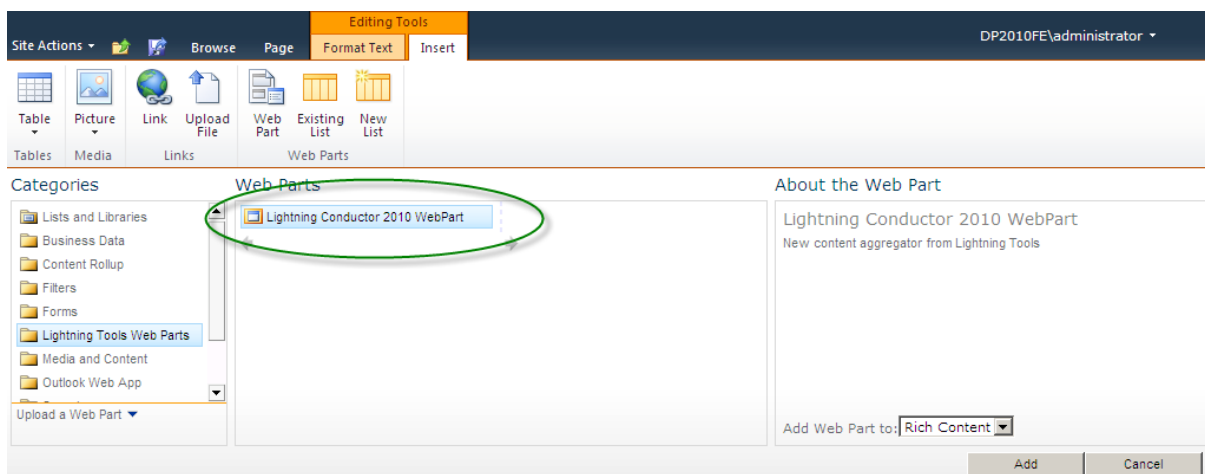
7. Select the **web application** to deploy to, and then click **Deploy**.
8. Navigate to the top level site of a **site collection** in which you wish to use the **Lightning Conductor Web Part**.
9. Choose **Site Actions** from the left hand side of your screen
10. Choose **Site Settings**
11. In the **Site Collection Administration** Section click **Site Collection Features**.
12. Locate the **Lightning Conductor 2010 Web Part** and Click **Activate**.



## Configuring the Lightning Conductor 2010 Web Part

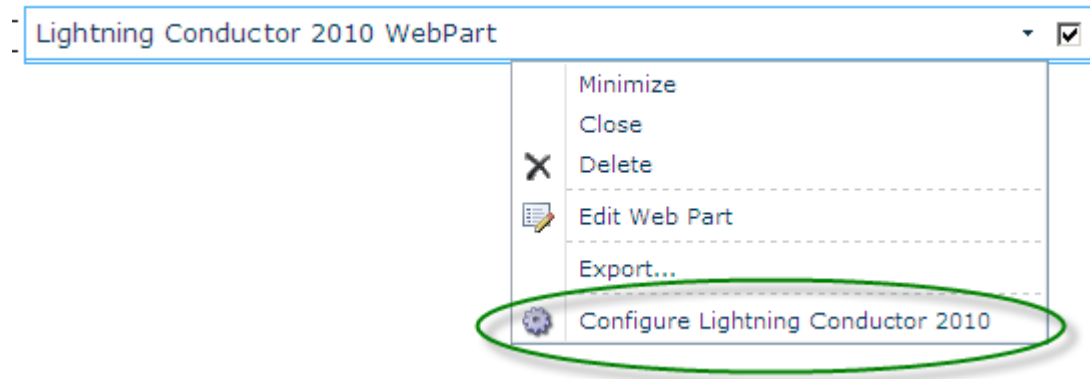
To configure the Lightning Conductor 2010 Web Part, start by:

1. Choose **Site Actions, Edit Page**
2. Insert the cursor where you want the web part to appear (if you are using a Wiki Page) or Click **Add a Web Part** from a web part zone if using a standard web part page.
3. Click **Insert** on the Ribbon and then choose **Web Part**.



4. From the **Lightning Tools Web Parts** section click the **Lightning Conductor 2010 Web Part** followed by **Add**.

5. In the **top right** hand side of the web part choose **Configure Lightning Conductor 2010** from the drop down menu.



6. A dialog box will display, On the initial screen select the **engine provider** and the **display provider**. In the first release of the product there is only one option for each setting.

**Note:** There are two Display Providers; SPGridView, and XSL. The SPGridView allows you to configure the view by using properties and being able to select the columns for display. If the SPGridView does not offer the formatting options that you would prefer, you can modify the existing XSL files or create your own from scratch. Lightning Tools offer XSL file development for \$500 per day if you do not have the skills in house.

7. Set your **refresh interval** to x seconds. This is the amount of time before the web part will refresh its content without performing a full page refresh.

**Lightning Conductor Configuration**

**Configure Provider**

<b>Configure Engine Provider</b> Specify the Engine provider	Engine Provider Object Model Rollup Engine Provider
<b>Configure Display Provider</b> Specify the Display provider	Display Provider SPGridView Display Provider
<b>Data Refreshing Interval</b> Data Refreshing Interval (seconds, 0 or empty - no data refreshing)	Data Refreshing Interval 0

Next

8. Click **Next** to display the **Content Source** options.
9. You will be given a choice of how to select the content that you wish to aggregate from;
  - a. All Site Collections
  - b. Multiple Site Collections
  - c. Multiple Sites
  - d. Multiple Lists
10. Once you have selected the correct option, click the **gear icon** which will load the relevant treewiew control. (Note: If you do not have permissions to select the given object, a check box will not display).


**Lightning Conductor Configuration**

**Configure Rollup Engine**

Rollup Source  
Show items from all site collections

Check Item-Level Security Permissions

List Type  
Document Library



Content Type Group  
All Content Types

Content Type  
All Content Types

Include Child Content Types

Audience Targeting Settings  
 Enable Audience Targeting  
 Include Not Targeted Items

Miscellaneous  
Limit Amount Of Items Returned To

Previous Next

11. The below screenshot displays the choice of site collections allowing you to aggregate from many site collections within the same web application.

### Configure Rollup Engine

Rollup Source

Show items from multiple site collections

Check/Uncheck all

http://dp2010fe

http://dp2010fe/my

http://dp2010fe/sites/second

http://dp2010fe/sites/sitecol2

Check Item-Level Security Permissions

List Type

Document Library

12. Select **Show items from Multiple Sites** as shown below to specify multiple sites from any site collection within the current web application.
13. The second check box that you can see selected to the right of Corporate will allow all existing and future sub sites of Corporate to be included in the roll up.

### Configure Rollup Engine

Rollup Source

Show items from multiple sites

http://dp2010fe

Check/Uncheck all

Home

Lightning Conductor

Operations

Sales

Check/Uncheck all

Domestic Sales

Check/Uncheck all

Corporate


Government














http://dp2010fe/my

http://dp2010fe/sites/second

http://dp2010fe/sites/sitecol2

14. If you require specific lists, you may select these from any site within any **site collection** contained within the current **web application**.

Show items from multiple lists 

- 
- Check/Uncheck all
-  Lightning Conductor
-  Operations
-  Sales
  - Check/Uncheck all
  -  Domestic Sales
    -  Announcements
    -  Calendar
    -  Links
    -  Shared Documents
    -  Site Assets
    -  Site Pages
    -  Tasks
    -  Team Discussion









15. Once you have selected the source, you can select the type of list that you would like to aggregate from. The choice of list types includes that of custom list templates and custom list definitions. (Note: If the list type that you expected to see available is not available, it may be due to the List Template feature not being activated at the Top Level Site. Only List Templates available for the Site Collection will be displayed).
16. Once you have chosen the **list type**, you may optionally select a **Content Type**. First select the **Content Type group**, and then the required **Content Type**. This will filter the result further. (Note: Include Child Content Types will include that of any Content Type that derives from your selection).
17. Also, towards the bottom of this page, you can trim your results by showing only Audience Targeted content to your users. This option is not available if you are running SharePoint Foundation Server where Audience Targeting is not available.
18. The final option on this dialog page allows you to limit the number of returned results. This is useful if you wish to display the top ten announcements as an example.

Audience Targeting Settings	
<input type="checkbox"/>	Enable Audience Targeting
<input type="checkbox"/>	Include Not Targeted Items
Miscellaneous	
Limit Amount Of Items Returned To	<input type="text"/>

List Type

Tasks



-   <http://dp2010fe>
-   <http://dp2010fe/my>
-   <http://dp2010fe/sites/second>
-   <http://dp2010fe/sites/sitecol2>

Content Type Group

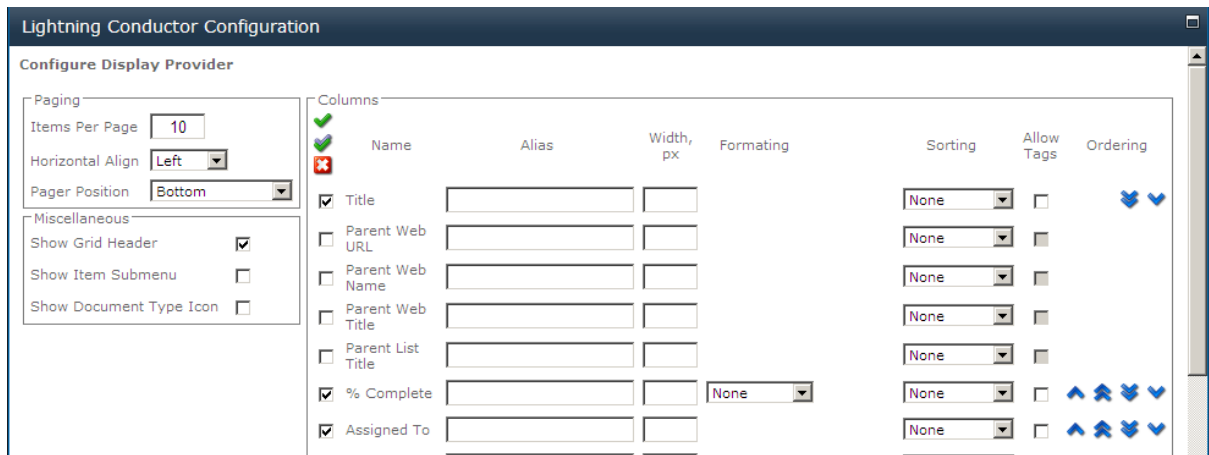
List Content Types

Content Type

Task

Include Child Content Types

19. After choosing **Next** you can configure the display options of your web part.
20. In the top left hand corner specify the pagination options including the **items per page**, **Horizontal Align**, and **Pager position**.
21. Also in the top left hand corner you can select whether you would like to show the column headers and the sub menu on each item. **(Note: It is not possible with the LCWP 2010 to display the FULL context menu offered by that of the list or library itself. The LCWP does not fully replace the functionality of a document library or list).**
22. On this page you may also select the columns that you wish to display by **selecting the relevant checkbox**.
23. Optionally you may provide an **Alias** for that **column header**.
24. **Optionally** you may set the **width** of the column in **px**.
25. Some columns that contain **numeric, date/time columns** will provide you with a **formatting** drop down. **(Note: This is not shown for String data types).**
26. You may set the **sort** options for the columns by choosing **ASCE** or **DESC** from the sorting drop down.
27. **Allow Tags** is for a Rich Text column that may contain html. The Tags contained within the HTML can be turned on or off. Off is the default.
28. Using the Top, Bottom, Up and Down arrows you may select the order of the columns appearing left to right.



29. To finish configuring the LCWP you can choose a column to **group** your content by, Select the column that contains the **hyperlink** to the list item/document, and finally whether you would like the groups to be **expanded** or **collapsed**.

Choose Column To Group By

Priority [Priority]

Choose Column To Be Link To List Item  
(Column Should Be Checked For Displaying)

Title [LinkTitle]

Choose How Grouped Rows Should Be Displayed

Groups Expanded

NOTE: The Linked column should be selected to be displayed otherwise an error will occur.

30. Almost there! Click **Finish** and you are done. Your content will be displayed.

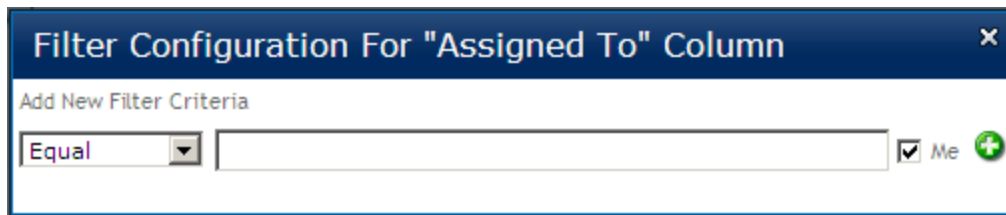
31. You will notice that the web part contains **filter options** next to each **column header**. Clicking the filter option allow you to add a filter.

32. There are two icons in the top left of the web part. The **Refresh content** icon and the **clear all filters** icon.

Lightning Conductor 2010 WebPart

Title	% Complete	Assigned To	Priority	Start Date
<b>Priority : (2) Normal</b>				
Cold calling to UK customers	25.00 %	SP2010\Administrator	(2) Normal	6/4/2010
Teleconference with German Resellers	90.00 %	SP2010\Administrator	(2) Normal	6/4/2010
Travel to the USA for Conference	25.00 %	SP2010\Administrator	(2) Normal	6/4/2010
Write up about California Conference	10.00 %	SP2010\Administrator	(2) Normal	6/4/2010

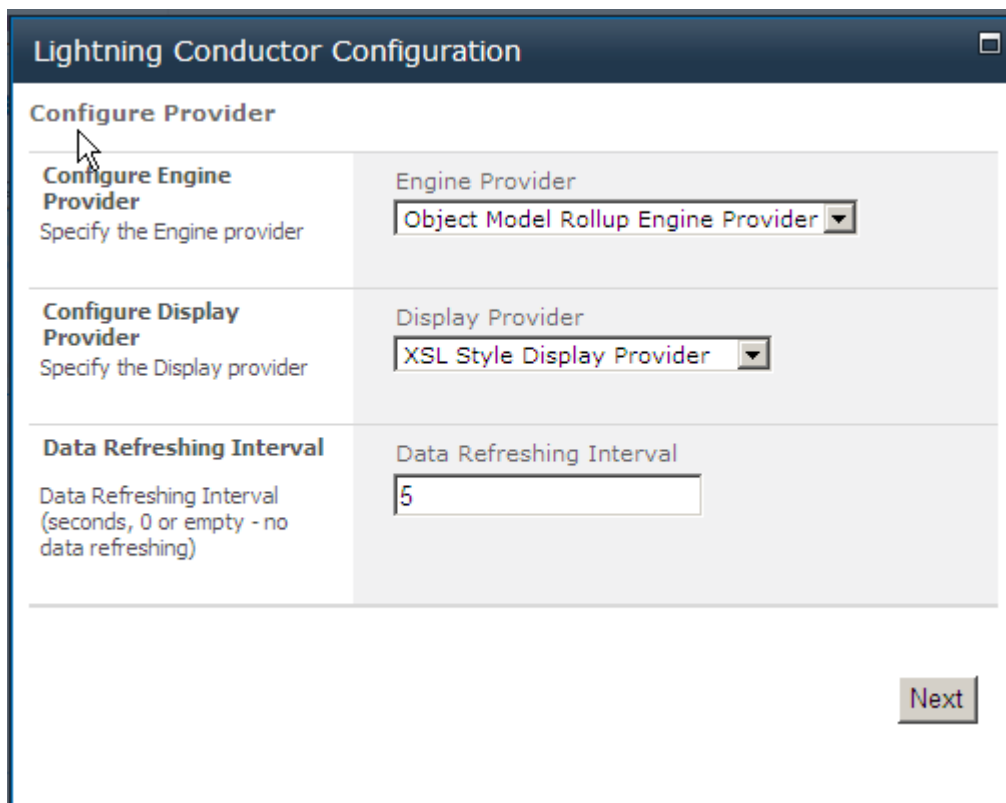
33. Note as well as filtering at column level, you may use the Office SharePoint Server Filter Web Parts by connecting these web parts to the LCWP.



## The XSL View

Instead of using the SPGridView, you can author an XSL view or use one of our Out-of-the-Box XSL views. To display the XSL:

1. On the initial configuration page select XSL View.



2. Click Next
3. Configure the Source and List options as you do for the SPGridView.
4. On the display page, browse or upload your custom XSL File.

**Lightning Conductor Configuration**

**Configure Display Provider**

XSL Styles

Choose XSL Style

LightningTools Announcements

Add XSL Style

Browse...

Miscellaneous

XSL Styles Library Path

Previous Finish

5. Click Finish. The result should then display.

Lightning Conductor 2010 WebPart

**Recent Announcements**

**Announcements 2**

**Get Started with Microsoft SharePoint Foundation!**

Microsoft SharePoint Foundation helps you to be more effective by connecting people, information, and documents. For information on getting started, see Help.  
Expires: 6/15/2010

**Test Announcement**

This is a test www.lightningtools.com

**Announcements 1**

**Get Started with Microsoft SharePoint Foundation!**

Microsoft SharePoint Foundation helps you to be more effective by connecting people, information, and documents. For information on getting started, see Help.  
Expires: 8/9/2010 3

**Announcements 1**

**Get Started with Microsoft SharePoint Foundation!**

Microsoft SharePoint Foundation helps you to be more effective by connecting people, information, and documents. For information on getting started, see Help.

## Upgrading the LCWP

From time to time we will provide an update for the web part. This is on average every 6 weeks. To upgrade to the latest version, download the latest version from the downloads section of our web site. Then open a command prompt and run: **STSADM.exe -o upgradesolution -f filename.wsp -name nameofwsp -allowgacdeployment -immediate.**

Then run

**STSADM.exe -o execadmsvcjobs.**

## Removing the Web Part

Should you wish to remove the web part, please navigate to System Settings in SharePoint 2010 Central Administration. Then click manage farm solutions, select the LCWP2010. Then choose retract solution. Run **stsadm.exe -o execadmsvcjobs**, followed by clicking remove solution. Please provide feedback to [sales@lightningtools.com](mailto:sales@lightningtools.com) to let us know why you are removing the web part so that we can continue to improve our web parts and tools.